

J95.2(A86)

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Proposal Abstract J95.2(A86)

1. Arms Control Problem:

- (a) Nuclear weapons - ballistic missiles
  - comprehensive test ban
  - cruise missiles
  - fissionable material "cutoff"
  - manned aircraft
  - missile tests
  - mobile ballistic missiles
  - proliferation
  - reentry vehicles
- (b) Regional arms control - outer space - ASATs
- (c) Any arms control agreement

2. Verification Type:

- (a) Remote sensors
- (b) Seismic sensors - extra-border stations
  - intra-border stations
- (c) Short-range sensors - monitoring devices
- (d) On-site inspection - IAEA safeguards
- (e) Verification, general

3. Source:

Tsipis, Kosta, David W. Hafemeister and Penny Janeway. Editors. Arms Control Verification: The Technologies That Make It Possible. McLean, Virginia: Pergamon-Brassey's International Defence Publishers, 1986. See also: - Abstract K45(G84)

4. Summary:\*

This volume is a collection of papers originally presented at a conference of specialists on the technical means of verifying compliance with arms control treaties, held in February 1984. The participants at the conference sought to explore the minimum requirements for information about Soviet activities and weapon systems given the need to safeguard US national security and then compare these requirements with existing and projected monitoring capabilities. Broader political, diplomatic and compliance issues were also noted.

One conclusion of the conference is that technology permits the US "to monitor with confidence much, although by no means all, of the weapons-related activities of the Soviet Union, and that the level at

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\* This book was received too late for a detailed summary to be prepared.